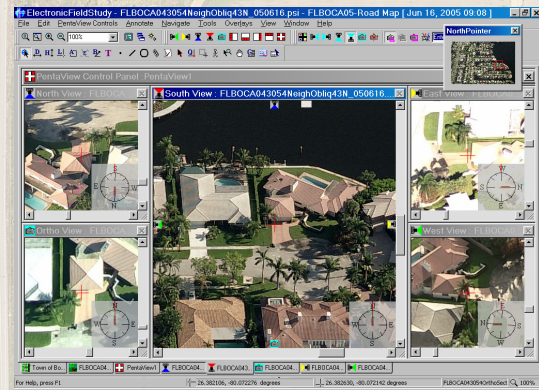


Use of Oblique - Angle Aerial Imagery in Public Safety Applications

*Pictometry International Corp.
David Peck, Regional Technical Manager
Western Region*



Oblique and Ortho Views



Orange Co. Street Centerlines



Projected with flat ground plane

Projected with tessellated ground plane



E-911 Call Taking Usage

- Determination of Caller Location and Confirmation
- Event Location Different From Call Location
- Lat/Lon determination from imagery
- Directional Guidance to First Responders
- Improved Interagency Coordination & Communication



You may know where you live...



 **Pictometry**
Visual Intelligence

And God may know where you live...



 **Pictometry**
Visual Intelligence

But if we don't know
where you live

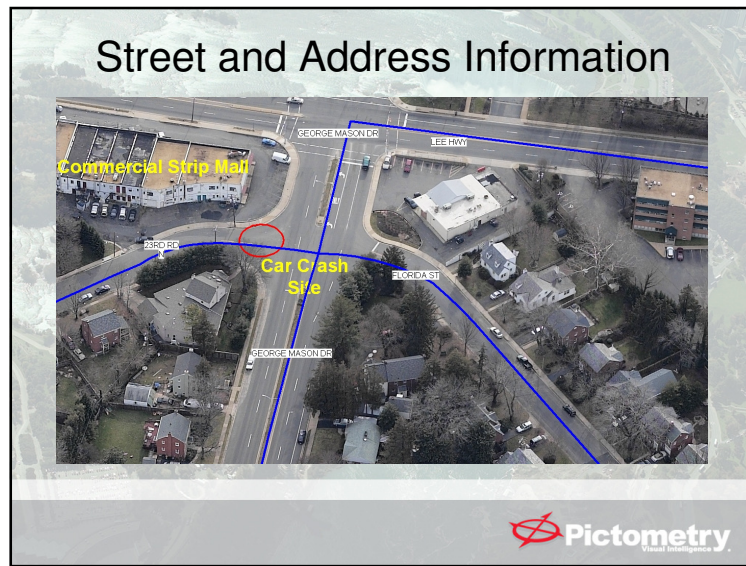
You and God had better be
on very good terms!

 **Pictometry**
Visual Intelligence

Integrated CAD Mapping / Imagery
(Typical Configuration)



 **Pictometry**
Visual Intelligence



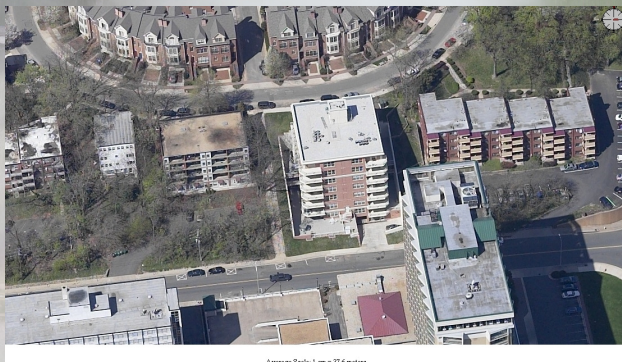
Event Location is Different



Fire Departments 3 Story Building



Or 7 Stories?



Significant Elevation Change

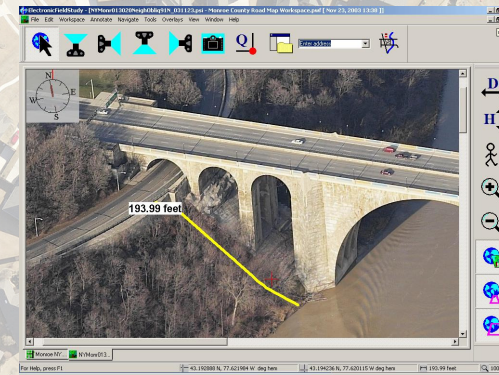


In-Vehicle Deployment



 **Pictometry**
Visual Intelligence

Closer View of Touch-Screen Interface



 **Pictometry**
Visual Intelligence

SWAT Teams



 **Pictometry**
Visual Intelligence

Tactical Planning

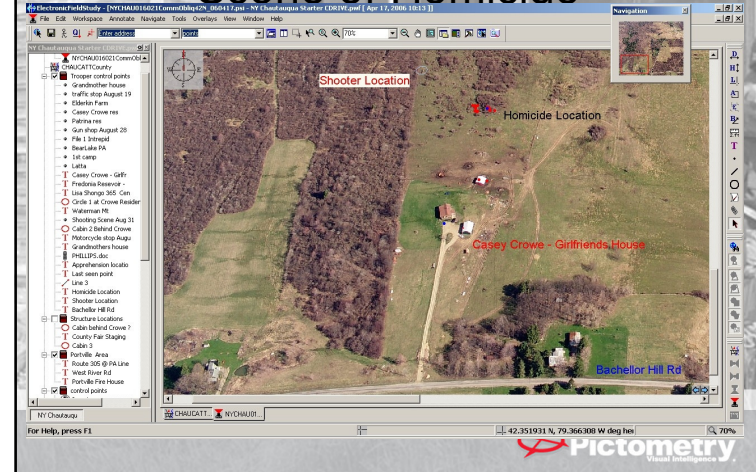


 **Pictometry**
Visual Intelligence

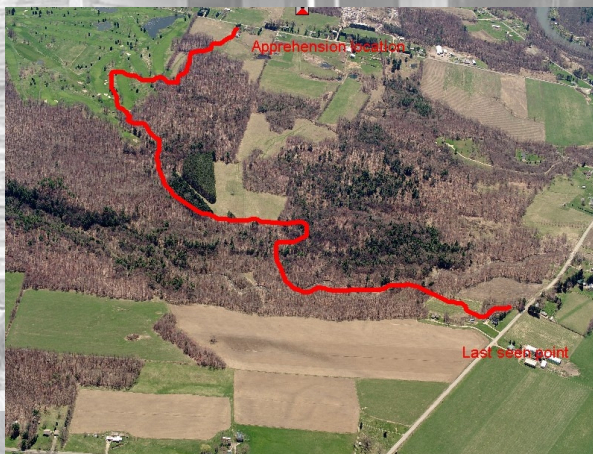
Brian Nichols Case – Atlanta GA



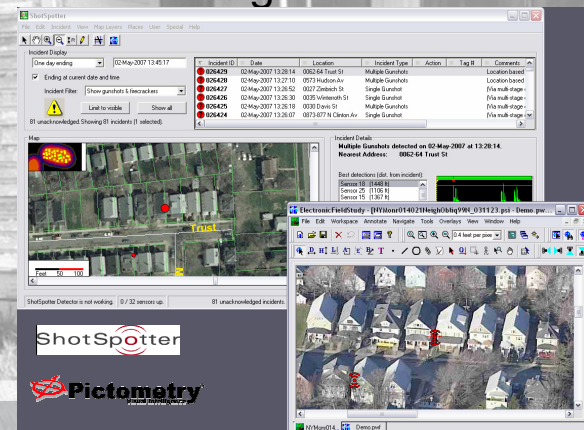
Scene of Homicide



Manhunt Concludes in Northern PA

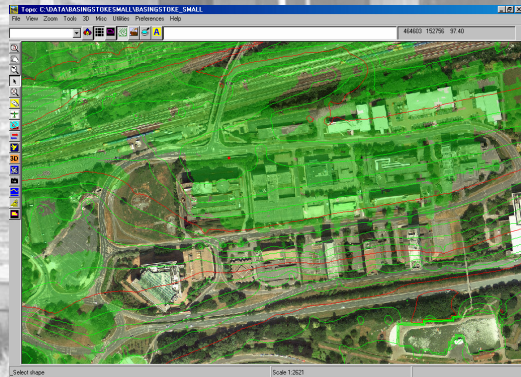


Gunfire Detection System Integration



ShotSpotter integrated with Pictometry provides the most powerful tool available to detect the "where/when" of gunfire....

Visibility Analysis



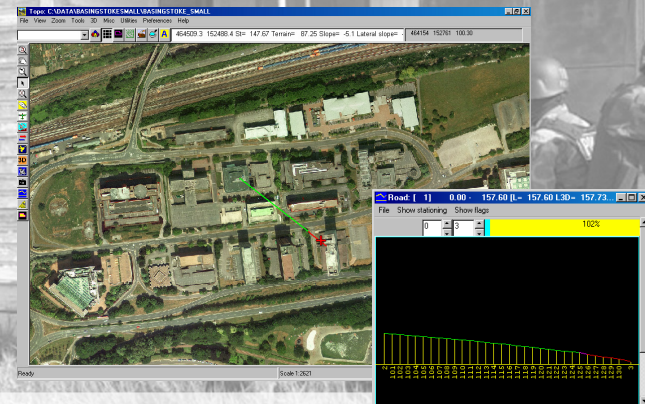
Pictometry
Visual Intelligence

Relative Building Heights (Red is Tallest)



Pictometry
Visual Intelligence

Line-of-Sight Visibility



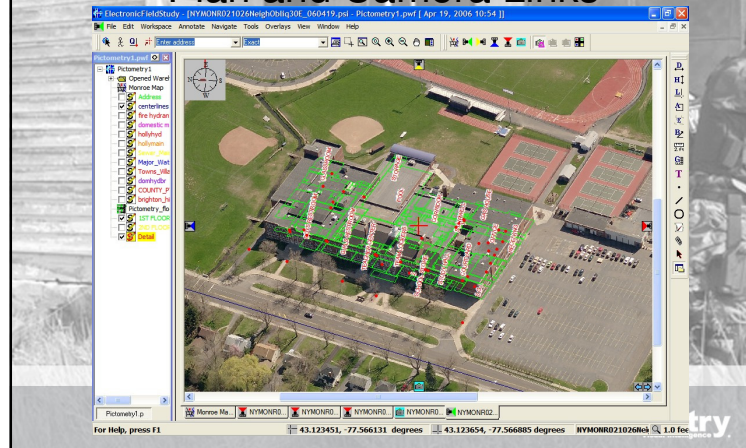
Pictometry
Visual Intelligence

School Protection/Response

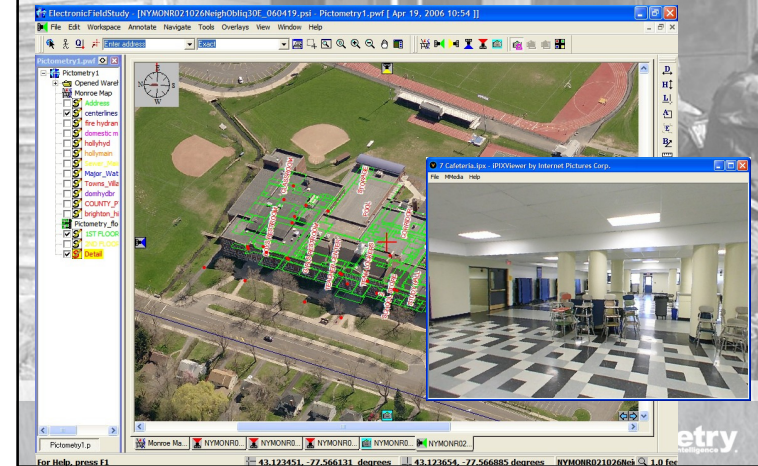


Pictometry
Visual Intelligence

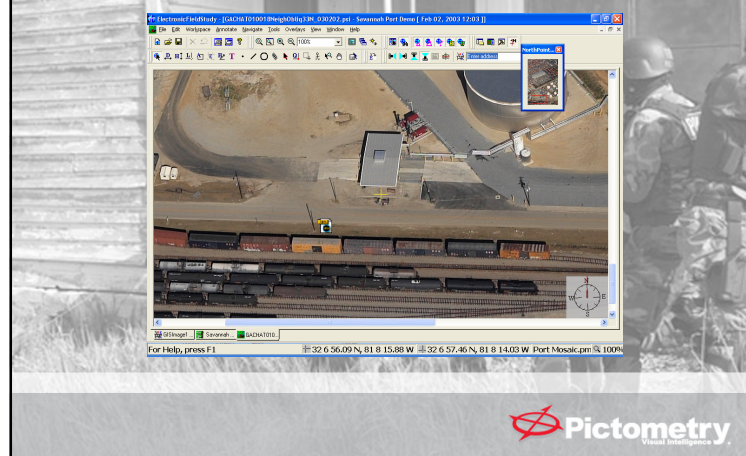
High School Building with Floor Plan and Camera Links



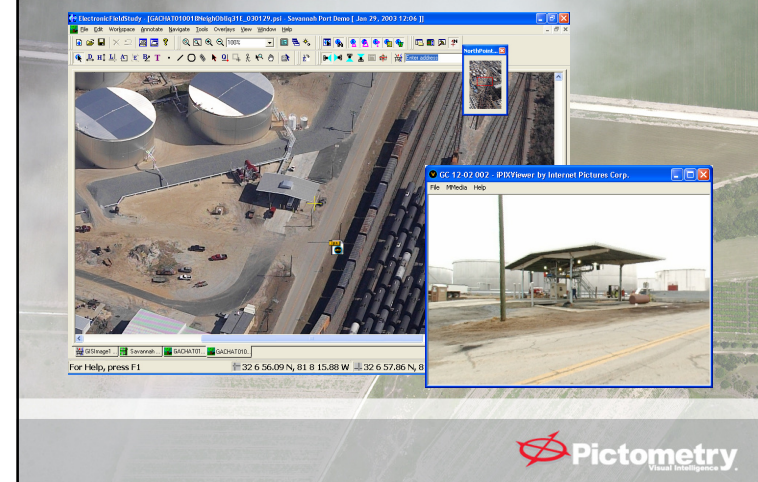
Camera Link to Cafeteria



Homeland Security – Critical Infrastructure Protection



Further Detail with Oblique View



Cameo/Aloha Plume Overlay



Pictometry
Visual Intelligence

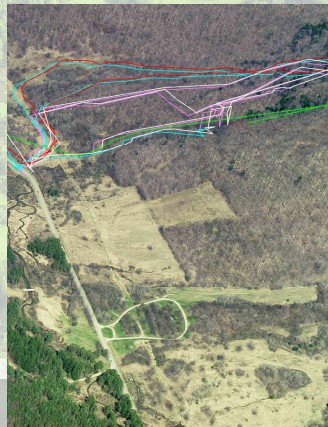
Command and Control

- Missing Person Searches
- Evidence Documentation

Pictometry
Visual Intelligence

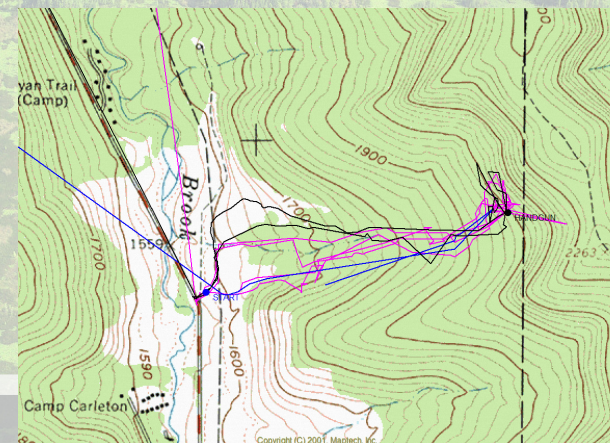
Search Patterns/Tracking

- NYS Police K-9 Units searching for a missing handgun in Allegany State Park
- Tracks show different units involved in search and gun owner
- Gun was recovered successfully



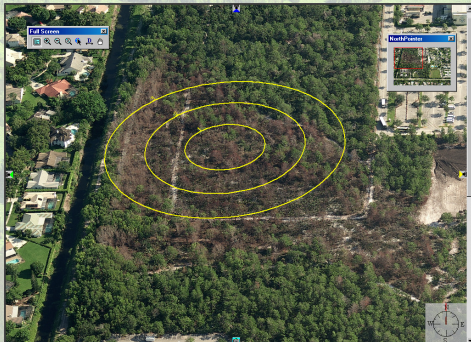
try

Traditional Map Display



Copyright (C) 2001 Maptech, Inc. try

Concentric Circle Overlay



Grid Overlay



Rural Area with Landing Zone



Galen White

Pictometry International Corp.

Galen.white@pictometry.com

909.593.9067

